

ABSTRACT OF THE DISCLOSURE

To accomplish circuit trimming of a packaged IC chip by applying a magnetic field thereon, a magnetically configurable adjuster device is coupled with the packaged IC chip. The magnetically configurable adjuster device includes a Hall element, a signal processor and amplifier device, a decoder, and a configurable adjuster that receives a signal outputted by the packaged IC chip. The configurable adjuster includes a plurality of electrically configurable elements and circuit-trimming members. The Hall element senses and converts the magnetic field into a voltage signal by Hall effect. After amplification, the voltage signal is inputted to the decoder. The decoder decodes the voltage signal into decoded signals that configure the configurable adjuster by means of the configurable elements. With the configurable adjuster hence configured, circuit trimming of the packaged IC chip is achieved via the circuit-trimming members.

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